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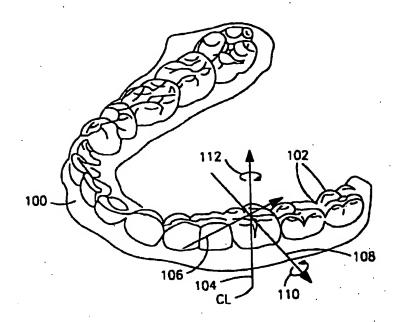


FIG. IA

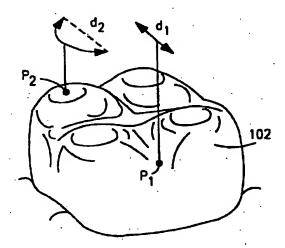


FIG. IB

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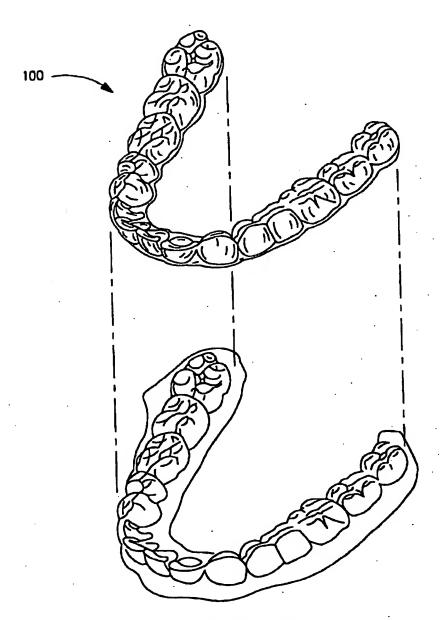


FIG. IC

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DIGITIZE INITIAL TOOTH
ARRANGEMENT TO PRODUCE
INITIAL DIGITAL DATA
SET (IDOS)

MANIPULATE IDDS TO PRODUCE FINAL DIGITAL DATA SET (FDDS) CORRESPONDING TO A DESIRED FINAL TOOTH ARRANGEMENT

CROSS-REFERENCE FIG. 3

GENERATE MULTIPLE
INTERMEDIATE DIGITAL
DATA SETS (INTDDS'S)
CORRESPONDING TO
SUCCESSIVE TOOTH
ARRANGEMENTS FROM
INITIAL TO FINAL

CROSS-REFERENCE FIG. 6

PRODUCE INCREMENTAL POSITION ADJUSTMENT APPLIANCES BASED ON INTODS'S AND FOOS

FIG. 2

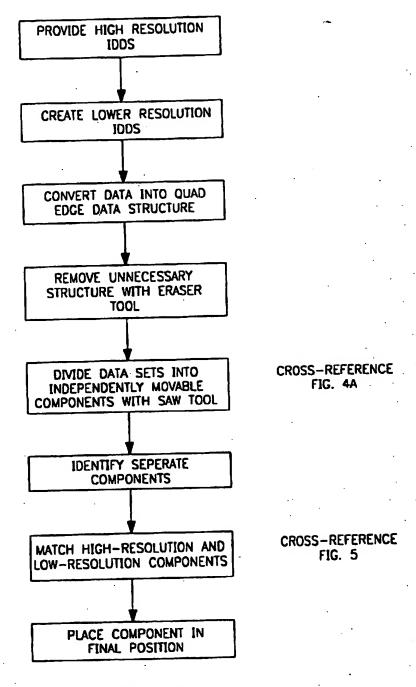


FIG. 3

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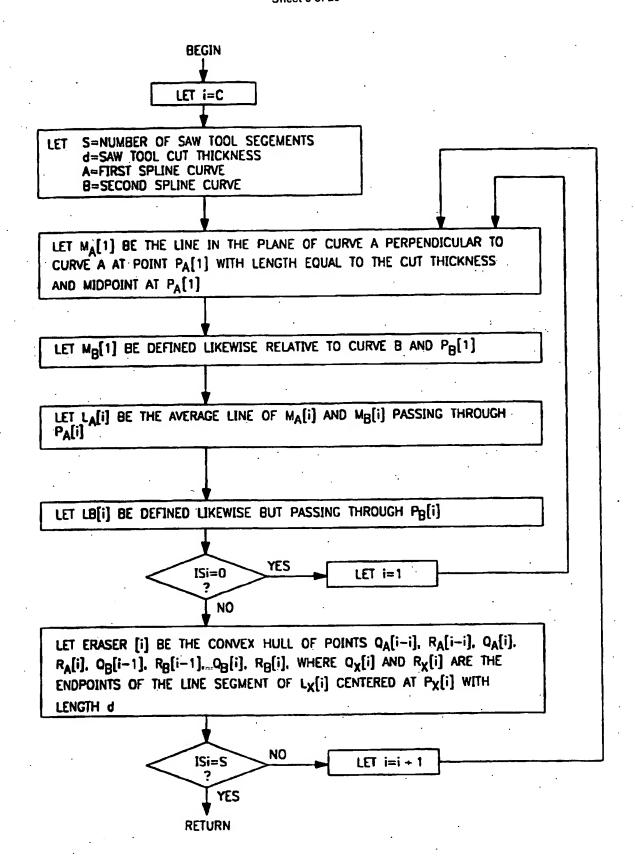


FIG. 4A

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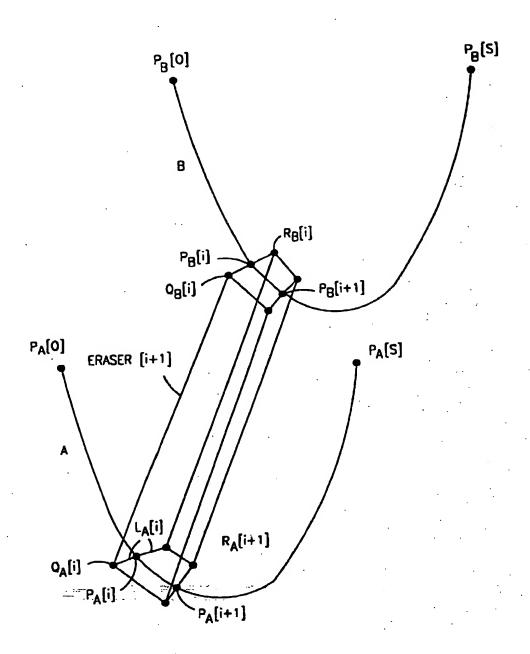


FIG. 4B

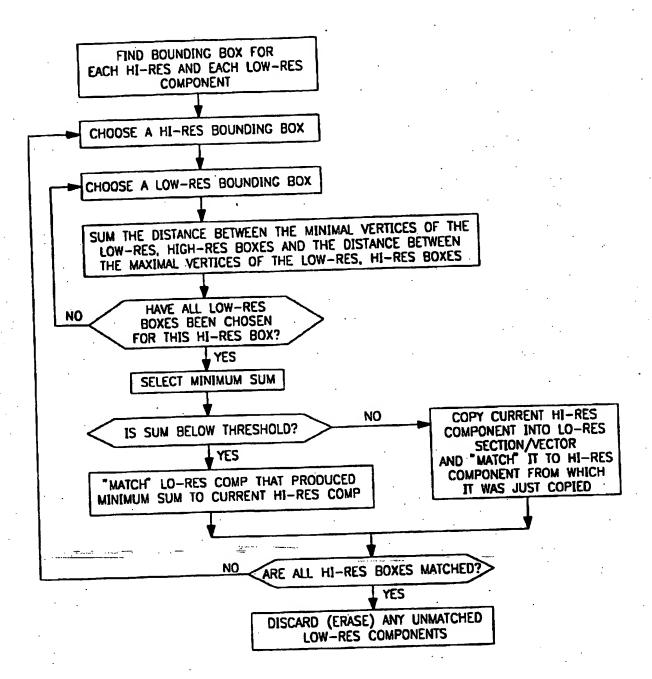


FIG. 5

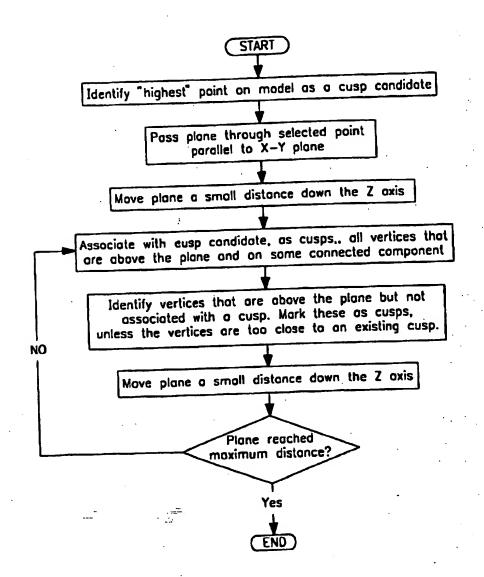


FIG. 6A

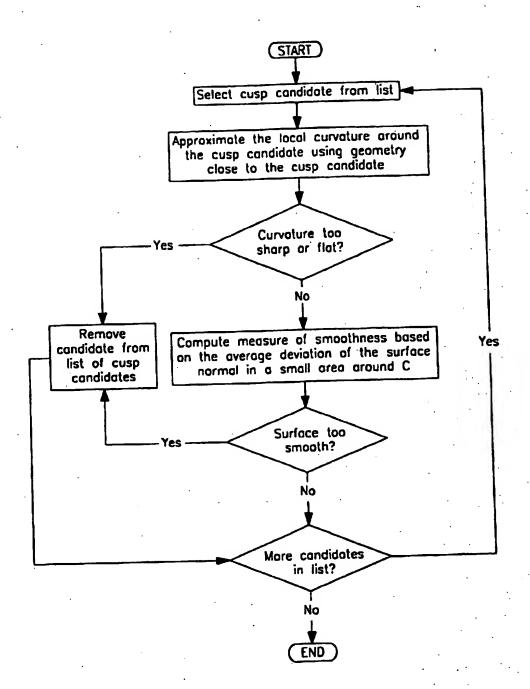


FIG. 6B

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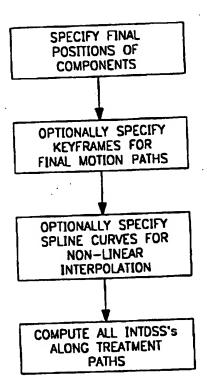
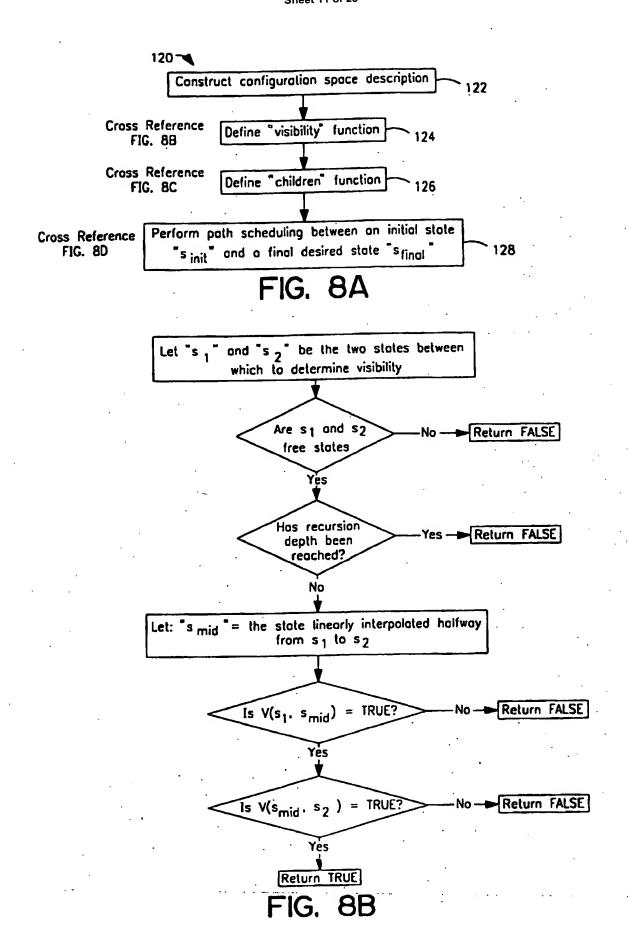


FIG. 7



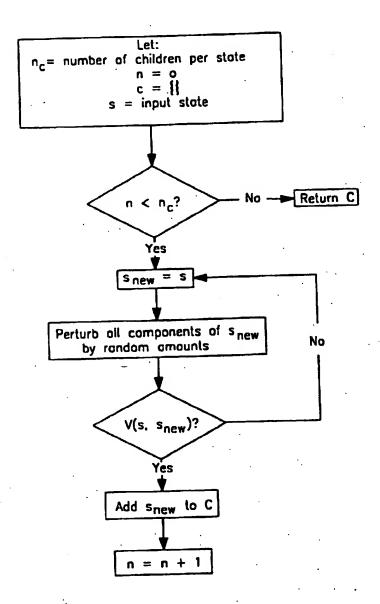
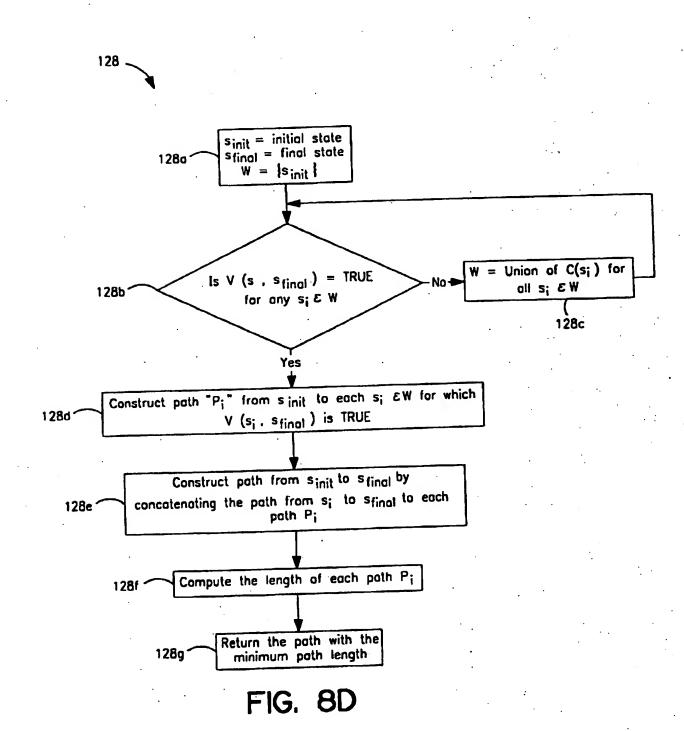


FIG. 8C



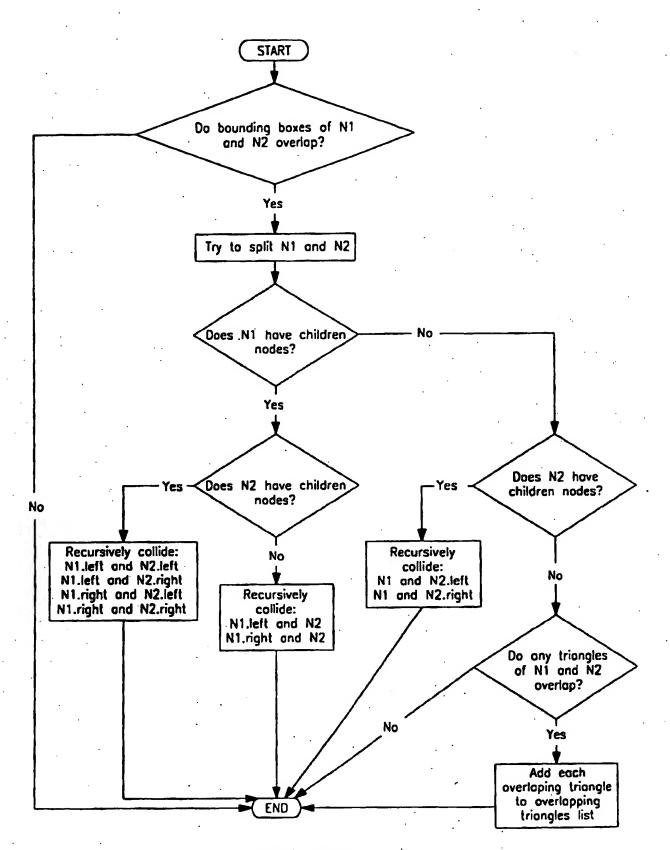


FIG. 9A

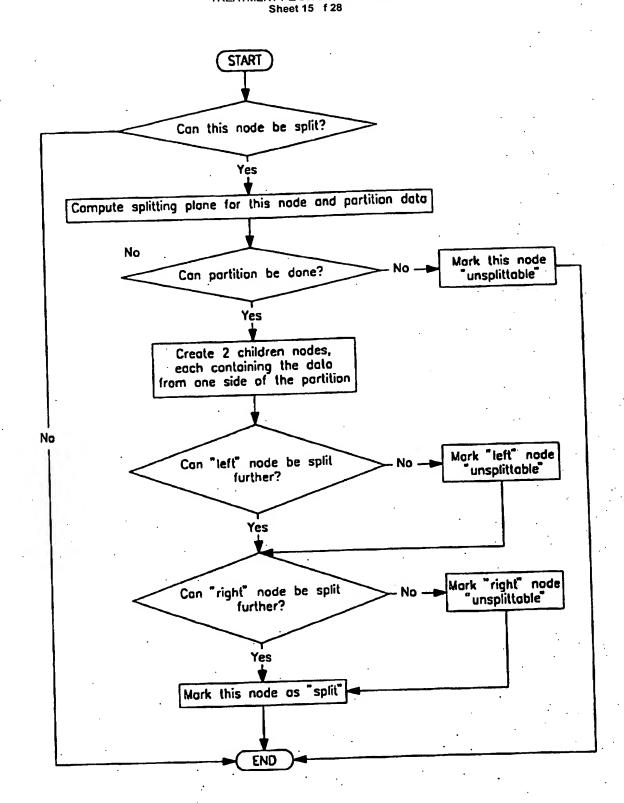


FIG. 9B

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Is A moving in a global sense?

Yes

Is A moving wrt B?

No

Use stored collision results

Yes

Recursively check A and B for collision

FIG. 9C

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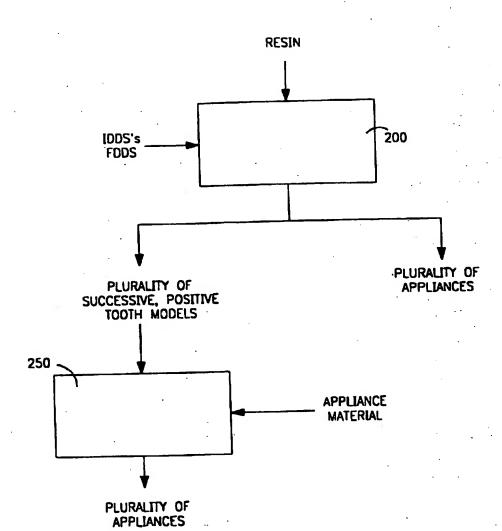


FIG. 10

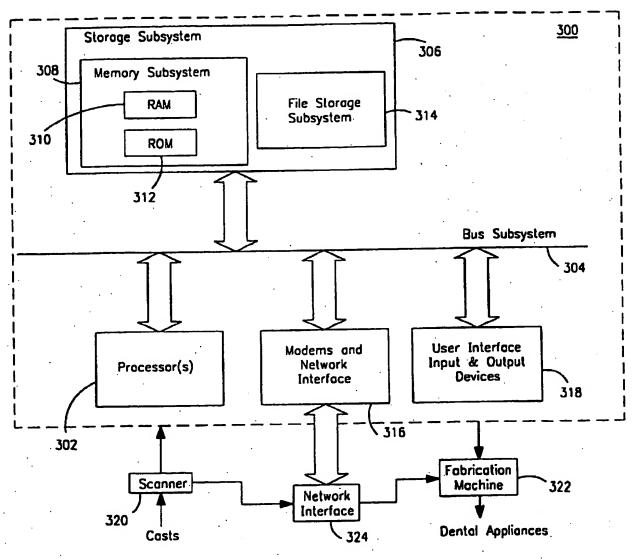


FIG. I I

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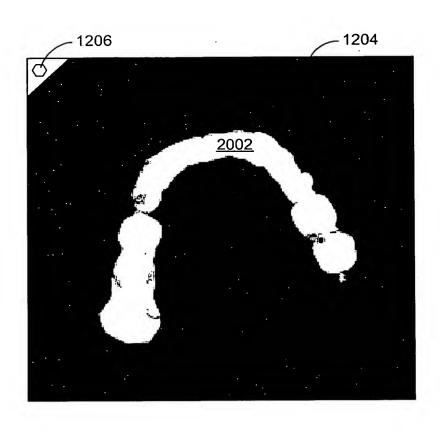


FIG. 12

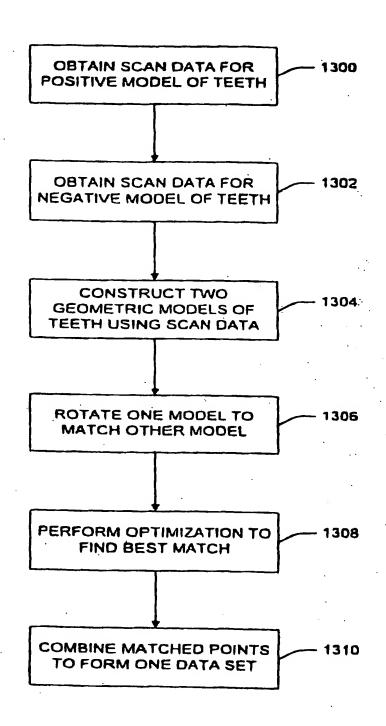


FIG. 13

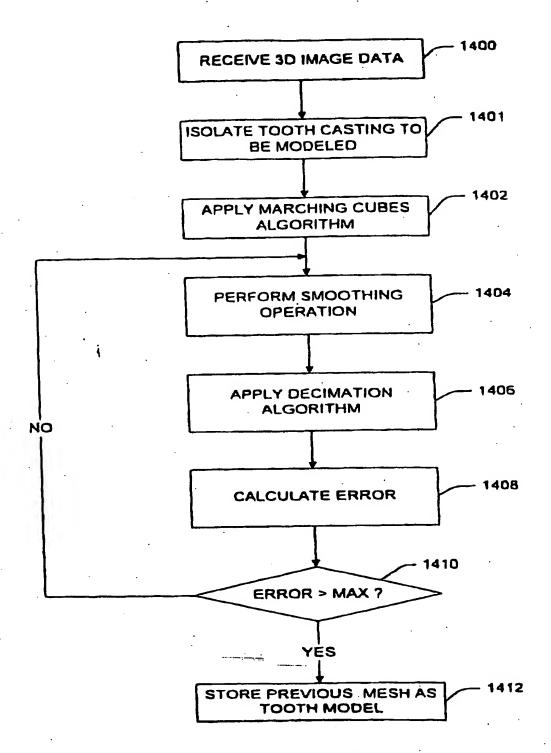


FIG. 14

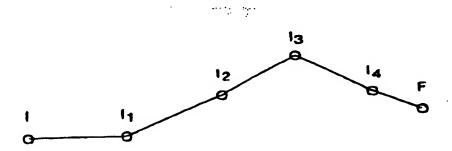


FIG. 15A

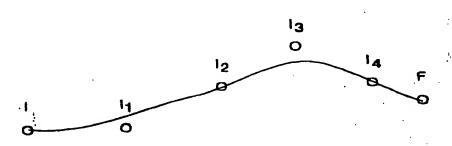


FIG. 15B

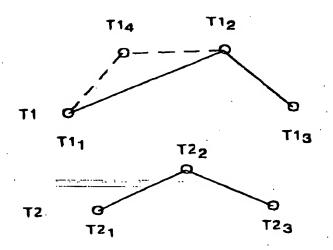


FIG. 15C

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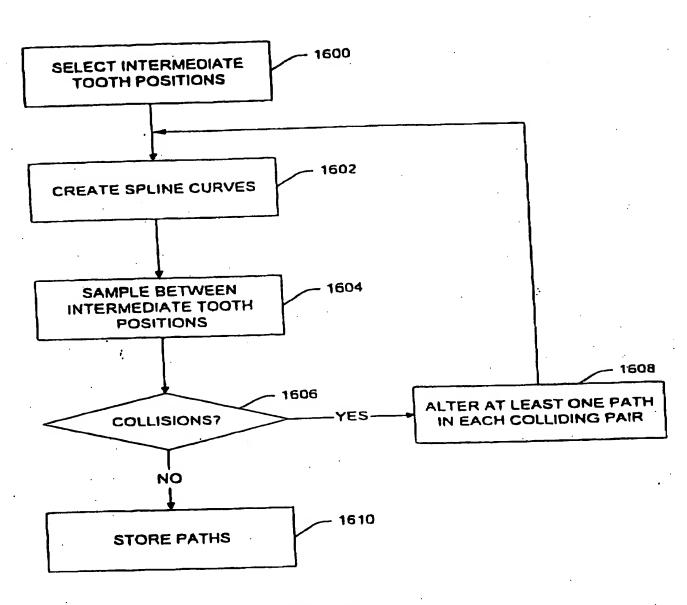


FIG. 16

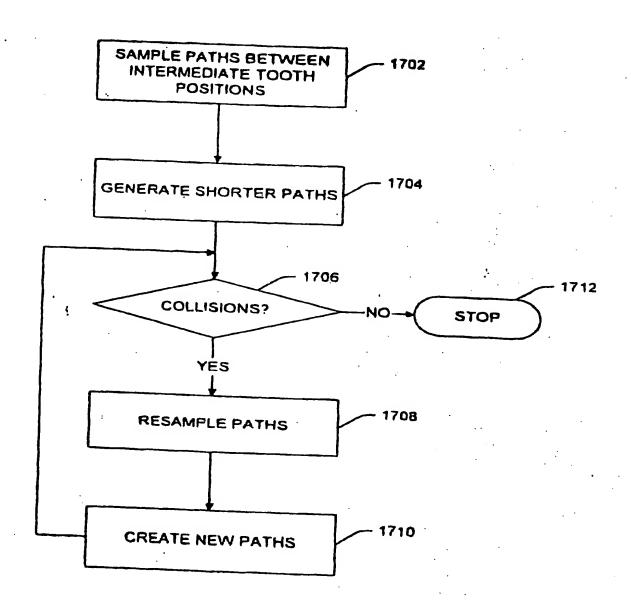


FIG. 17

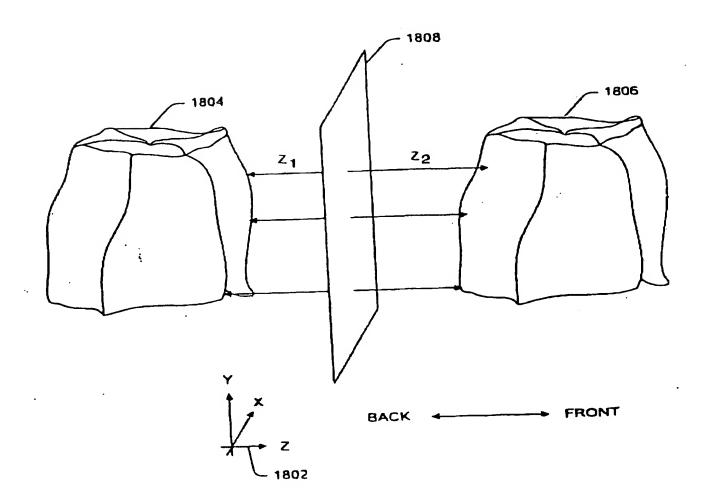


FIG. 18

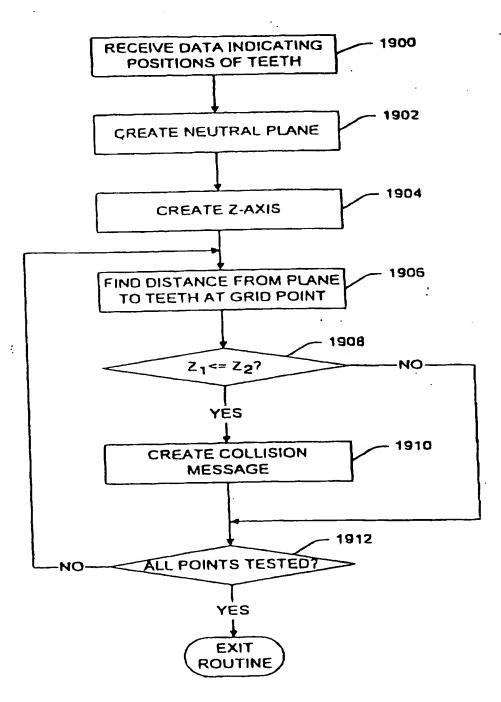
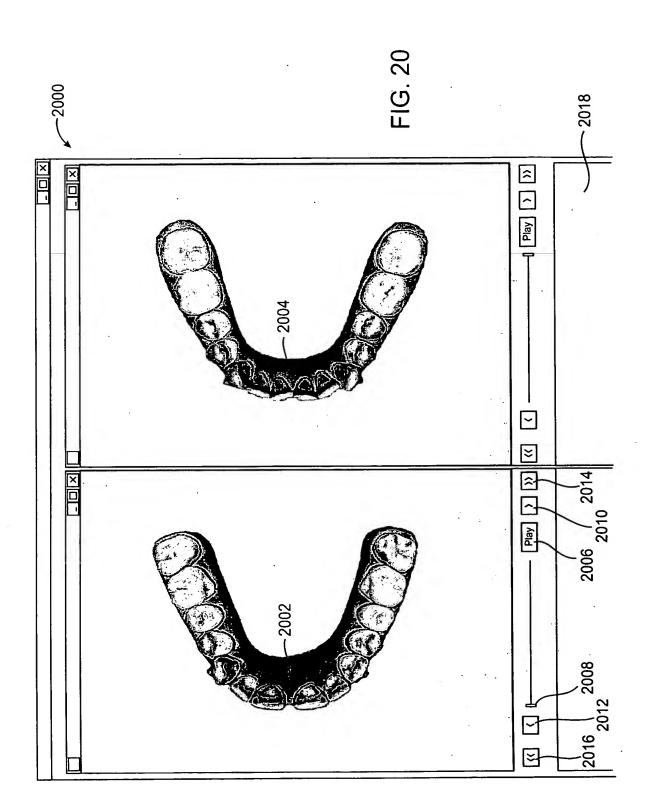


FIG. 19



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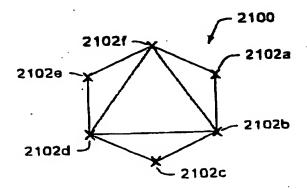


FIG. 21A

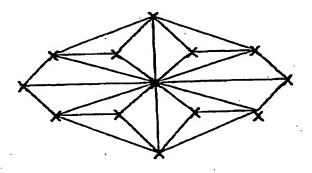


FIG. 21B